

### Report Information

|                   |                     |                   |                        |                     |
|-------------------|---------------------|-------------------|------------------------|---------------------|
| <b>Award Type</b> | <b>Award Number</b> | <b>Prime DUNS</b> | <b>Calendar Yr/Qtr</b> | <b>Final Report</b> |
| Grant             | DE-OE0000099        | 809855091         | 2011 / 3               | No                  |

### Award Recipient Information

|   |   |                               |              |
|---|---|-------------------------------|--------------|
| <b>Recipient DUNS Number</b>            | 809855091   | <b>Recipient Address 1</b>    | 89 KINGS HWY |
| <b>Recipient Account Number</b>         | S9071703  | <b>Recipient Address 2</b>    |              |
| <b>Recipient Congressional District</b> | 00  | <b>Recipient City</b>         | DOVER        |
| <b>Parent DUNS Number</b>               | 042258020   | <b>Recipient State</b>        | DE           |
| <b>Recipient Type</b>                   | 2F.V2   | <b>Recipient ZIP Code + 4</b> | 199017305    |
| <b>Recipient Legal Name</b>             | NATURAL RESOURCES AND ENVIRONMENTAL CONTROL, DELAWARE DEPARTMENT OF | <b>Recipient Country</b>      | USA          |
| <b>Recipient DBA Name</b>               |   |                               |              |

### Project / Award Information

|  |   |   |          |
|--|---|---|----------|
| <b>Funding Agency Code</b>                   | 8900  | <b>Total Number of Sub Awards less than \$25,000/award</b>          | 0        |
| <b>Awarding Agency Code</b>                  | 8900  | <b>Total Amount Sub Awards less than \$25,000/award</b>             | 0.00     |
| <b>Program Source (TAS) Code</b>             | 89-0328   | <b>Total Number of Sub Awards to Individuals</b>                    | 0        |
| <b>Sub Account Number for Program Source</b> | 331   | <b>Total Amount of Sub Awards to Individuals</b>                    | 0.00     |
| <b>CFDA Number</b>                           | 81.122  | <b>Total Number of Payments to Vendors less than \$25,000/award</b> | 1        |
| <b>Amount of Award</b>                       | 280109.00   | <b>Total Amount of Payments to Vendors less than \$25,000/award</b> | 19500.00 |
| <b>Award Date</b>                            | 08/12/2009  |   |          |
| <b>Award Description</b>                     | Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency Grant Amount = \$280,109 Delaware's Department of Natural Resources and Environmental Control Energy Office intends to use the Stimulus Funding, in collaboration with the Delaware Emergency Management Agency (DEMA) and the Public Service Commission (PSC) to improve emergency planning and to conduct necessary training. In the event of an energy emergency the State of Delaware needs to have a uniform plan to implement emergency procedures. The DEO working in concert with DEMA and the PSC will establish its policies, procedures and practices in the format of the National Incident |   |          |

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| <p>Management Systems (NIMS) as recommended by DEMA. According to the NIMS and the Incident Command System (ICS) Position Paper "NIMS provides a consistent, flexible and adjustable national framework within which government and private entities at all levels can work together to manage domestic incidents, regardless of their cause, size, location or complexity." The establishment of a uniform plan will also enable Delaware SEERP to be consistent with other state and regional action plans. The DEO in cooperation with DEMA and the PSC will train staff to be prepared for emergency responses under this system. In January 2008, the Delaware Energy Office (DEO) adopted a revised State of Delaware Energy Emergency Response Plan (SEERP) as its operations manual for energy emergencies. The SEERP states that responsibilities for energy emergencies are delegated to the DEMA in the Department of Safety and Homeland Security (DSHS) and the Delaware Energy Office (DEO) in the Department of Natural Resources and Environmental Control (DNREC). DEMA has recognized the SEERP as the official energy response plan for the state. The DEO in coordination with DEMA will direct the energy emergency contingency operations at the direct order of the Governor. DEO intends to add the Delaware Public Service Commission (PSC) as a partner in this plan due to its extensive contacts and knowledge of energy infrastructure in the state. The assembly of the DEO, DEMA and the PSC as the responding</p> |              |            |                 |              |

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| <p>agencies to energy emergency contingency plans and information dissemination operations is essential. The DEO working in concert with DEMA and the PSC will establish its policies, procedures and practices in the format of the National Incident Management System (NIMS) as recommended by DEMA. According to the NIMS and the Incident Command System (ICS) Position Paper "NIMS provides a consistent, flexible and adjustable national framework within which government and private entities at all levels can work together to manage domestic incidents, regardless of their cause, size, location or complexity." The establishment of a uniform plan will also enable Delaware SEERP to be consistent with other state and regional action plans. The DEO in cooperation with DEMA and the PSC will train staff to be prepared for emergency responses under this system. Through this grant opportunity the DEO will incorporate better information gathering tools such as Smart Grid Technologies and renewable energy options into the SEERP. The new plan will also address how to manage events when traditional energy and fuels are limited or otherwise unavailable. Smart Grid Technology enables utilities to communicate with customer metes to determine energy usage and find service interruptions. The emergency support capacity of renewable energy in the form of photovoltaic, solar water heating, wind turbine technologies along with alternative fuels and vehicles will also be determined. The DEO in cooperation with the PSC will work with local</p> |              |            |                 |              |

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electric, natural gas, and liquid fuels suppliers to understand Smart Grid applications and the current vulnerabilities of distribution systems. In so doing the DEO will better understand how to incorporate renewable and alternative energy sources in emergency operations.

### Project Information

| Project Name or Project/<br>Program Title        | Energy Assurance Planning  | Activity Codes (NAICS or NTEE-NPC) (up to 10)  |
|--|--|--|
| <b>Quarterly Activities/ Project Description</b> | Representatives from the Delaware Division of Energy & Climate (DE&C) and the Delaware Emergency Management Agency (DEMA) met with the contractor to discuss the in-state Energy Assurance Exercise. The exercise was scheduled for September 27, 2011 but had to be postponed and re-scheduled due to low registration numbers for the event. The Statewide Exercise will be held during the next reporting period on October 20, 2011 in Dover, Delaware. The contractor prepared a scenario for the Exercise workshop that will address various aspects of the Delaware Energy Assurance Plan and provide an opportunity to evaluate lessons learned and identify areas of the Energy Assurance Plan that require updates or modifications. DEO, DEMA and the Delaware Energy Assurance Working Group will continue to review and update the Energy Assurance Plan as need arises to clarify standard | <b>Activity Code 1</b> C05.02<br><b>Activity Code 2</b><br><b>Activity Code 3</b><br><b>Activity Code 4</b><br><b>Activity Code 5</b><br><b>Activity Code 6</b><br><b>Activity Code 7</b><br><b>Activity Code 8</b><br><b>Activity Code 9</b><br><b>Activity Code 10</b> |

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| <div><div><div>operating procedures and to incorporate lessons learned from participation in energy assurance exercises.</div><div>Less than 50% completed</div></div><div><div>Total Federal Amount ARRA</div><div>Funds Received/ Invoiced</div></div><div><div>57879.97</div><div>0.27</div></div><div><div>Description of Jobs Created</div><div>141.5 hours were reported by the contractor for professional services preformed relating to this grant during this reporting period. Consultant fees.</div></div><div><div>Total Federal Amount of ARRA</div><div>Expenditure</div></div><div><div>57879.97</div><div>0.00</div></div><div><div>Total Federal ARRA</div><div>Infrastructure Expenditure</div></div><div><div>Infrastructure Purpose and Rationale</div></div></div> |              |            |                 |              |

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### Infrastructure Contact

|              |   |                         |
|--------------|---|-------------------------|
| <b>Name</b>  | 0 | <b>Street Address 1</b> |
| <b>Email</b> |   | <b>Street Address 2</b> |
| <b>Phone</b> |   | <b>Street Address 3</b> |
| <b>Ext</b>   |   | <b>City</b>             |
|              |   | <b>State</b>            |
|              |   | <b>ZIP Code + 4</b>     |

### Primary Place of Performance

**Address 1** DNREC Delaware Energy  
Office  
**Address 2** 1203 College Park Drive  
**City** Dover  
**Country Code** US  
**State** DE  
**ZIP Code + 4** 19904 - 8703  
**Congressional District** 00

### Recipient Highly Compensated Officers

|                                   |    |                               |
|-----------------------------------|----|-------------------------------|
| <b>Prime Recipient Indication</b> | No | <b>Officer 3 Name</b>         |
| <b>of Reporting Applicability</b> |    | <b>Officer 3 Compensation</b> |
| <b>Officer 1 Name</b>             |    | <b>Officer 4 Name</b>         |
| <b>Officer 1 Compensation</b>     |    | <b>Officer 4 Compensation</b> |
| <b>Officer 2 Name</b>             |    | <b>Officer 5 Name</b>         |
| <b>Officer 2 Compensation</b>     |    | <b>Officer 5 Compensation</b> |

### Report Audit Trail

**Created By** Suzanne Sebastian  
**Date Created** 10/11/2011 04:39 PM  
**Last Updated By** Suzanne Sebastian  
**Last Updated On** 10/11/2011 04:39 PM

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### Vendor Information

|                                      |                            |                            |
|--------------------------------------|----------------------------|----------------------------|
| <b>Sub Award Number</b>              | <b>Payment Amount</b>      | 36186.59                   |
| <b>Vendor DUNS Number</b>            | <b>Product and Service</b> | Energy Planning Consulting |
| <b>Vendor Name</b>                   | <b>Description</b>         | Services                   |
| Energy Planning Consultants,<br>Inc. |                            |                            |
| <b>Vendor HQ ZIP Code + 4</b>        | 80104 - 5684               |                            |

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|                        |                     |
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| <b>Date Created</b>    | 10/11/2011 04:39 PM |
| <b>Last Updated By</b> | Suzanne Sebastian   |
| <b>Last Updated On</b> | 10/11/2011 04:39 PM |